How to Repack XAP & Appx/Bundle Applications

Requirements

- A PC running Windows Operating System (Minimum: W7 SP1)

W10M Group YouTube Channel

Apart from these documented Guides, we have started the roll up of Video Versions of each guide in our YouTube Channel.

Don't forget to **like** and **subscribe** !

How to Extract & Repack Applications from W10M Devices

You can follow this video guide if you prefer video guidance over this documented guidance.

Windows 10 Mobile (Lumia) Group :- https://t.me/Windows10Phone

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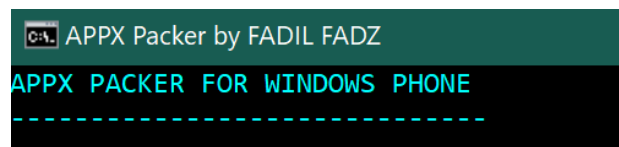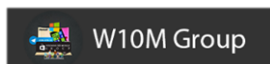
Introduction

Repacking will be needed mainly ;

- Customizing Applications
- During Application Backing up

Repacking means packing the Application files into an installable package according to it's design framework like Silverlight & UWP.
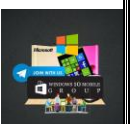
Preparations

> Download Appx Packer

APPX Packer by FADIL FADZ
APPX PACKER FOR WINDOWS PHONE

How to Identify XAP & Appx

* You probably know that you can open every Xap, Appx/Bundle file using an Archive manager like 7zip & Winrar.

If it's a Xap Application

Go to the Application files that you need to Repack into Xap Or Appx/Bundle.

Look for the file **"WMAppManifest.xml"** file

WMAppManifest.xml	10/11/2021 4:00 PM	NotepadX	20 KB

If this file is among the Application files, then it's a XAP application.

If it's an Appx/Bundle Application

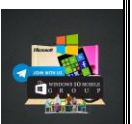Appx/Bundle Applications **DON'T** have that file, instead they have the **"AppxManifest.xml"** file

AppxManifest.xml	10/11/2021 4:00 PM	NotepadX	21 KB

Appx/Bundle Application will not contain **"WMAppManifest.xml"** file

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NOTICE

Even though Appx/Bundle applications **DON'T** contain the "WMAppManifest.xml", XAP Applications **CAN** contain both **"AppxManifest.xml"** & **"WMAppManifest.xml"** file.

So always look for the **"WMAppManifest.xml"**, don't decide by the **"AppxManifest.xml"** file

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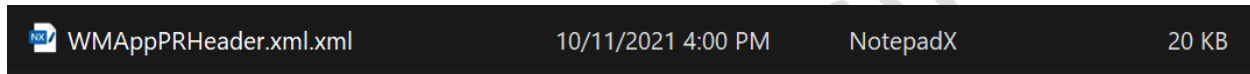Windows 10 Mobile (Lumia) Group :- https://t.me/Windows10Phone

How to Repack Apps

Now that you have recognized what type of Package you have, head into Repacking it;
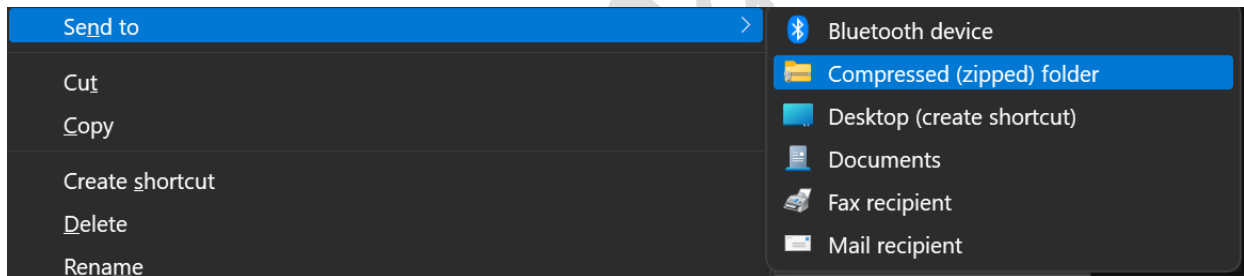
1. How to Repack XAP
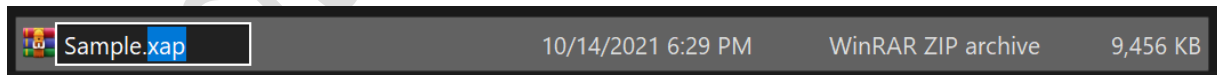2. How to Repack Appx/bundle

1. How to Repack XAP

> Find the **"WMAppPRHeader.xml"** & Delete that file

WMAppPRHeader.xml.xml	10/11/2021 4:00 PM	NotepadX	20 KB

> Now select all the files, right click on it & click **"Compressed (zipped) folder".**

Send to	>	Bluetooth device
Cut		Compressed (zipped) folder
Copy		Desktop (create shortcut)
Create shortcut		Documents
Delete		Fax recipient
Rename		Mail recipient

> Name the zip to any name you want and change the extension from **".zip"** to **".xap"**

Sample.xap	10/14/2021 6:29 PM	WinRAR ZIP archive	9,456 KB

> That's it, you have created a deployable Xap.

Install with PC or Install without PC using Group Guides.

Guides for reference

How to Install XAP (With-PC)   :-   W10M Group   Mega.nz
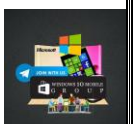
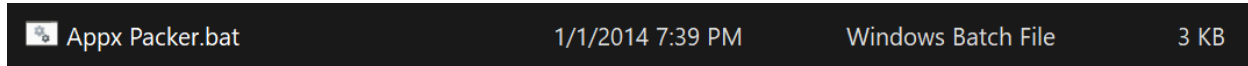How to Install XAP (Without-PC)   :-   W10M Group   Mega.nz
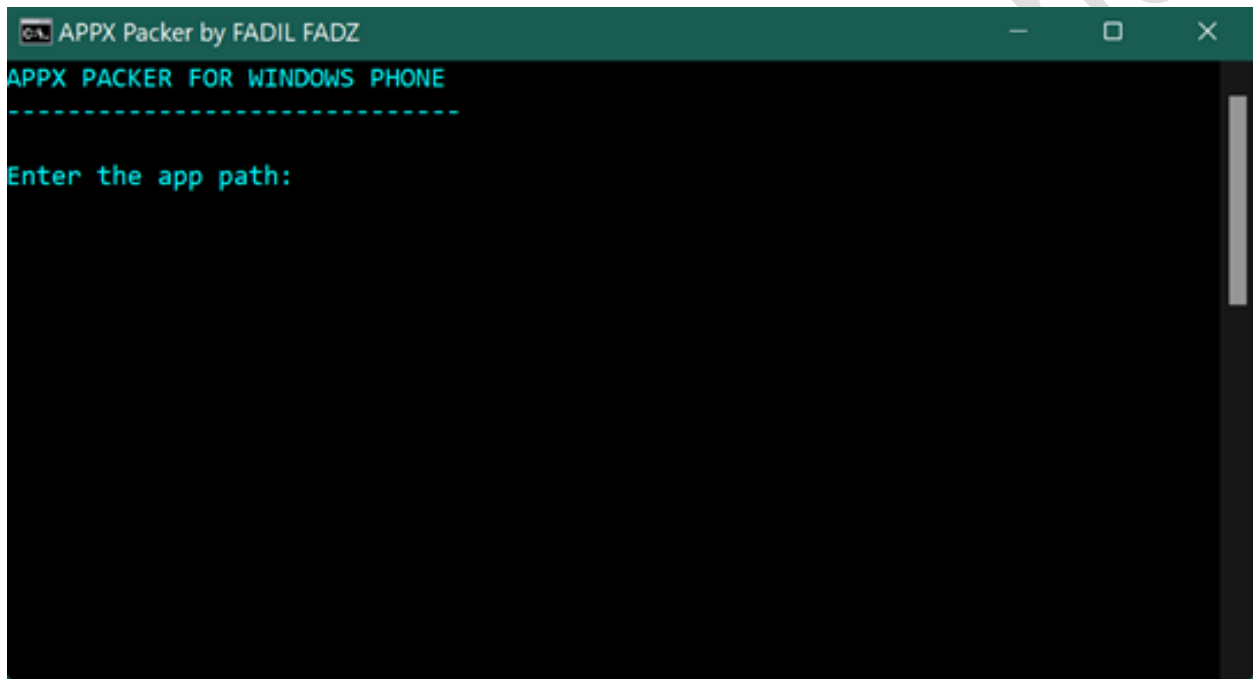
Windows 10 Mobile (Lumia) Group :- https://t.me/Windows10Phone

2. How to Repack Appx/bundle

> Go to where you extracted "Appx Packer V2.5.zip" & run the **"Appx Packer.bat"**.

Appx Packer.bat	1/1/2014 7:39 PM	Windows Batch File	3 KB

> Then it will open the batch script which does the repacking of Appx

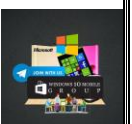1. First, it will state **"Enter the App Path:"**

Enter the path to the folder which contains the application files that needed to be repacked into Appx/Bundle.

2. Then, it will ask you to enter the Output path

Enter the path to a folder where you like to have the repacked Appx/Bundle package

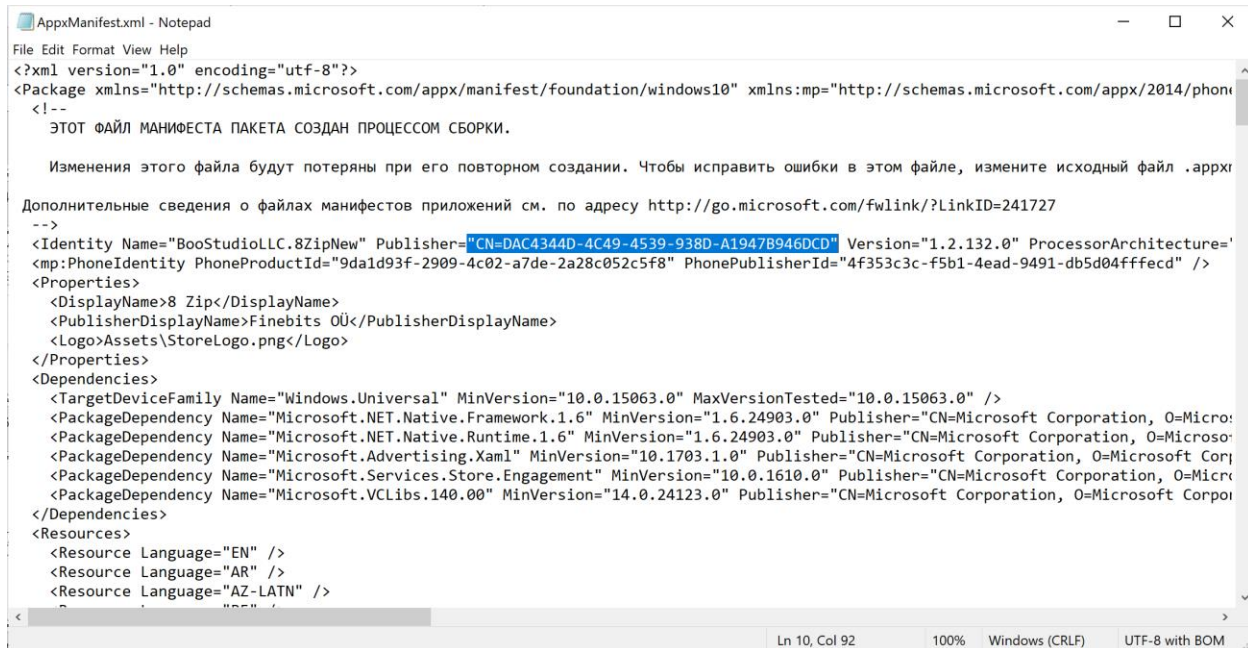Windows 10 Mobile (Lumia) Group :- https://t.me/Windows10Phone

3. Lastly, it will ask to enter the "Publisher" (Publisher ID)

`Enter the app publisher:`

For that, you need to go back to the folder where the Application data are, open "AppxManifest.xml" file.

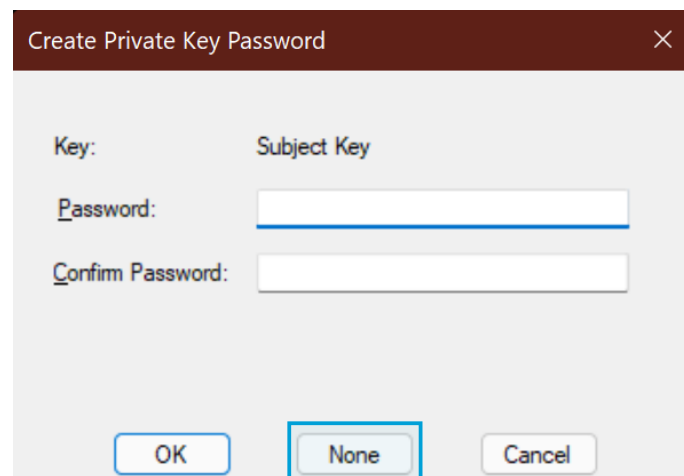Look for the "Publisher" in the Manifest and **copy the whole ID including Quotes**

Example Publisher ID in a AppManifest file

Then paste it to the Appx Packer and press enter.

It will now start repacking, during the last phase of the process, it will prompt you to assign a security key for the package.

Click **"None"** for it.

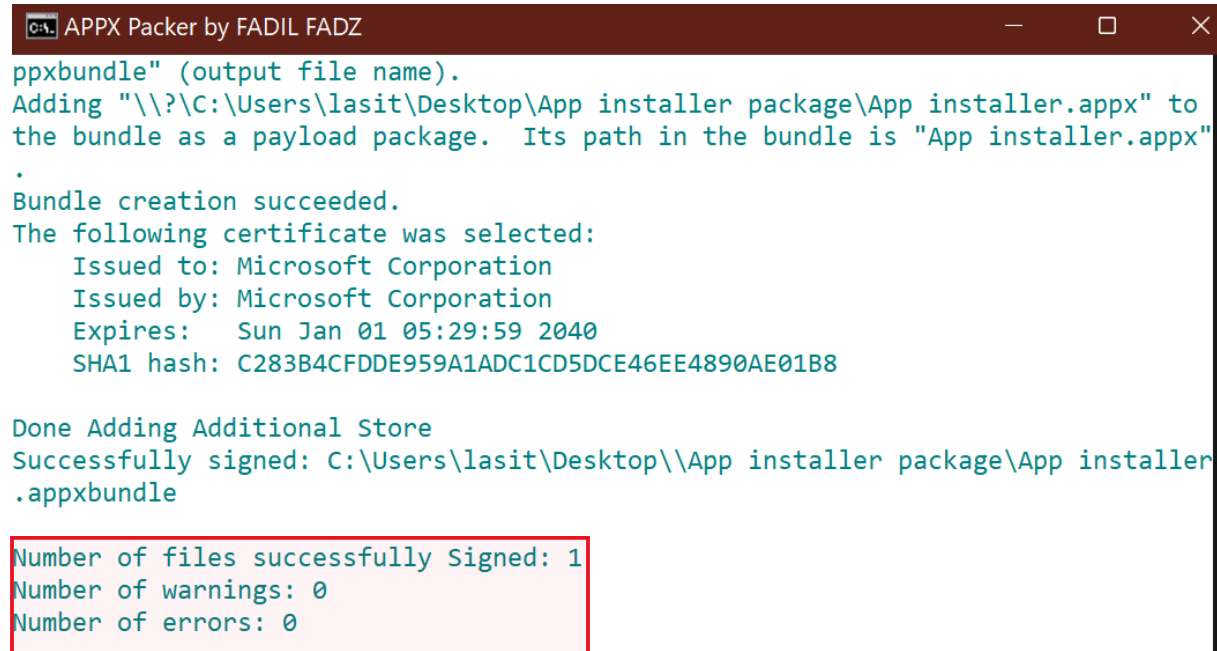Windows 10 Mobile (Lumia) Group :- https://t.me/Windows10Phone

> When finished the command windows will turn to White and the text to Blue.

Make sure the Highlighted Lines are also in your packer in the end.
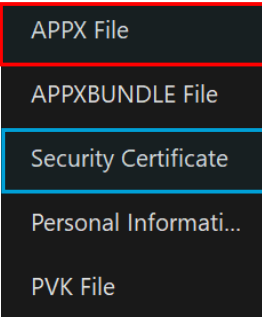
Otherwise, repacking is not completed successfully

Notes

- The Re-Packed packages can be found in the Output folder you gave to the packer when asked in the second step.
- In the Output folder, you will see many files.
  But you only need "Appx" & "Security Certificate" file (Certificate file also not needed if your device is Interop Unlocked)

- The AppxBundle file cannot be installed from Phone, you can deploy it from PC using WP8.1 Application Deployment tool in WP8.1 SDK.
- If the app you repacked is a WP8.1 Appx file, deploy the AppxBundle file from PC like stated above.

Guides for reference

How to Install Appx/Bundle Files to W10M Devices :   W10M Group   Mega.nz

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Credits

✓ Fadil Fadz for Appx Packer

Thank You for Reading !

_____*Lasitha Samarasinghe*_____